

Amendments to the Claims: This listing of claims will replace all prior versions, and listings, of claims in the application

Listing of Claims:

1. (Currently Amended) Device ~~A device~~ for receiving and releasing free forms of energy by radiation, comprising a number of antenna elements arranged about a common axis with an electrical conductor each, whereby the antenna elements are divided between at least two groups provided on different parallel planes,

~~characterized in thatwherein~~

~~a said first group {O1, O3} has at least three said antenna elements {10, 13}, which are arranged adjacent to one another in a distributed manner, namely, around at least one imaginary circle about a group axis, and each said antenna element {10, 13} of the said first group is electrically connected to a said an antenna element {12} of a said second group {O2, O4} associated therewith.~~

2. (Currently Amended) Device ~~The device~~ in accordance with claim 1, ~~characterized in thatwherein~~ at least some of the ~~said~~ antenna elements ~~{11, 12, 13}~~ ~~each~~ have an electrical conductor running in a spiral-like manner about ~~an~~ a ~~respective~~ axis each.

3. (Currently Amended) Device ~~The device~~ in accordance with claim 2, ~~characterized in thatwherein~~ at least some of the antenna elements are designed as flat lines ~~(Figure 4)~~, which run in a spiral-like manner about a center ~~of each antenna element~~, whereby ~~the~~ ~~an~~ electrical connection is made at the end of ~~the~~ ~~each~~ line near the center.

4. (Currently Amended) Device ~~The device~~ in accordance with claim 3, ~~characterized in thatwherein~~ the flat lines are composed of straight line segments, which are often-repeatedly offset by an angle, whereby the scale of the dimensions of these line segments gradually changes with ~~the~~ ~~a~~ uniformly increasing distance from the center and ~~all in all they~~ ~~wherein~~ the segments form a continuous line. ~~(Figures 4a, 4c)~~

5. (Currently Amended) Device ~~The device~~ in accordance with ~~one of the claims 2 through 4, characterized in that~~ ~~claim 2, wherein~~ at least some of the ~~said~~ antenna elements are shaped according to a spiral line running around a cone-shaped shell. ~~(Figure 5)~~

6. (Currently Amended) Device ~~The device~~ in accordance with ~~one of the claims 1 through 5, characterized in that~~ ~~claim 1, wherein~~ at least some of the ~~said~~ antenna elements ~~{13}~~ ~~each~~ have an electrical conductor consisting of interconnected, closed geometric figures ~~each~~. ~~(Figure 7)~~

7. (Currently Amended) Device ~~The device~~ in accordance with claim 6, ~~characterized in that~~ ~~wherein~~ the geometric figures ~~{13a, 13b, 13e}~~ have a similar shape ~~in as~~ the ~~said~~ antenna elements ~~{13}~~, but become smaller and smaller towards ~~the~~ ~~a~~ center ~~of the~~ geometric figures.

8. (Currently Amended) Device ~~The device~~ in accordance with ~~one of the claims 1 through 7, characterized in that~~ ~~claim 1, wherein~~ the ~~said~~ antenna elements

~~(10, 11, 12) of the first and second groups are arranged in pairs congruent to one another—optionally with reverse orientation—in the different group planes.~~

9. (Currently Amended) Device The device in accordance with claim 8, characterized in that ~~wherein~~ the said antenna elements (10, 11, 12) of the first and second groups are arranged about a common group axis and are each oriented offset against an adjacent element of the same group by an angle that corresponds to the an offset angle about the group axis.

10. (Currently Amended) The device Device-in accordance with claim 9, characterized in that wherein the said antenna elements {10, 11, 12} of the first and second groups are arranged offset to one another about a common group axis by equal angular distances and at a constant distance to the group axis.

11. (Currently Amended) The device in accordance with one of the claims 1 through 10, characterized in that claim 1, wherein the said first and second groups (01, U1; 02) are arranged on said different plates (1, 2) that are parallel to one another, and the electrical connection of the said antenna elements (10, 11, 12) of both said-groups corresponding to one another is made by means of said electrically conductive connection pieces (3), which at the same time mechanically stabilize the said-plates (1, 2) in relation to one another.

12. (Currently Amended) The deviceDevice in accordance with claim 11, characterized in thatwherein the connection pieces are shaped at least partially as a said spiral line {63} running around a cone-shaped shell. {Figure 6}

13. (Currently Amended) The device in accordance with one of the claims 1 through 12, characterized in that claim 1, wherein the said first group { Θ_1 } is arranged on one side of a said plate { Π }, on the opposite side of which is arranged a said third group [-] different from the first and second groups [- group { U_1 }] of said antenna elements { Π_1 }, which are electrically connected to the respective, corresponding antenna elements { Π_2 } of the first group.

14. (Currently Amended) The deviceDevice in accordance with claim 13, characterized in thatwherein the said antenna elements {11} of the third group have a direction of winding that is opposite that of the said antenna elements {10} of the first group.

15. (Currently Amended) The device in accordance with one of the claims 1 through 14, characterized in that claim 1, wherein the number of said antenna elements (10, 11, 12) in a group is even-numbered, and particularly four or eight.

16. (Currently Amended) The device in accordance with one of the claims 1 through 15, characterized by claim 1, wherein a said housing (G), which is electrically separated from the said antenna elements (10, 11, 12).

17. (Currently Amended) The device in accordance with claim 16, characterized in that wherein the said housing (G) has a concave top side and bottom side.